

Amendments to the Specification

Please amend the specification as follows:

Please amend ¶ [10] as follows:

[10] The limitations and advantages of phage therapy are listed by Elizabeth Kutter of Evergreen State College at <http://www.evergreen.edu/phage/phagetherapy.html>. Her lists are worth iterating here in order to understand the potential and limitations of phage therapy. The limitations include: 1) Paucity of understanding of the heterogeneity and ecology of both the phages and the bacteria involved; 2) Failure to select phages of high virulence against the target bacteria before using them in patients; 3) Use of single phages in infections that involve mixtures of different bacteria; 4) Emergence of resistant bacterial strains, which can occur by selection of resistant mutants (a frequent occurrence if only one phage strain is used against a particular bacterium) or by lysogenization (if temperate phages are used); 5) Failure to appropriately characterize or titer phage preparations, some of which were totally inactive; 6) Failure to neutralize gastric pH prior to oral phage administration; 7) Inactivation of phages by both specific and nonspecific factors in body fluids; 8) Liberation of endotoxins as a consequence of widespread lysis of bacteria in the body (this is called the Herxheimer reaction); and 9) Failure to identify the bacterial pathogens involved necessitated by the relative specificity of phage therapy.